CLAIMS:

1.   (Currently Amended)   A computer-implemented method for user interface testing, comprising:

taking a first snapshot of a user interface on a target device during a first automation execution;

providing a file that includes information regarding properties of the target device that corresponds to the first snapshot, wherein a snapshot key is produced from a selectable combination of the information included in the file;

taking a second snapshot of the user interface on the target device during a second automation execution;

comparing pixels of the first snapshot to corresponding pixels of the second snapshot; and

producing a visual output of the difference between the first snapshot and the second snapshot.

2.   (Original)   The computer-implemented method of claim 1, further comprising storing the first snapshot and the second snapshot on the target device.

3.   (Canceled).   The computer-implemented method of claim 1, further comprising storing a first bitmap file and a first extensible markup language file

corresponding to the first snapshot and storing a second bitmap file and a second extensible markup language file corresponding to the second snapshot.

4.   (Original)   The computer-implemented method of claim 1, further comprising uploading the first snapshot and the second snapshot to a server using an export tool.

5.   (Original)   The computer-implemented method of claim 4, wherein the export tool is present on a host computer to which the target device and the server are in communication.

6.   (Original)   The computer-implemented method of claim 1, further comprising an initial comparison of a property of the first snapshot to a corresponding property of the second snapshot, wherein the initial comparison provides a pass/fail variable.

7.   (Original)   The computer-implemented method of claim 1, wherein the visual output of the difference between the first snapshot and the second snapshot includes a highlighted pixel for each pixel that is different between the first snapshot and the second snapshot.

8. – 9.   (Canceled).

10.   (Original)   The computer-implemented method of Claim 8, wherein a filename is produced from a selectable combination of the information included in the file, wherein the filename is associated with the first snapshot.

11.   (Original)   The computer-implemented method of claim 1, further comprising calculating a cyclical redundancy check value based on the first snapshot.

12.   (Currently Amended)   A computer-readable medium that includes computer-executable instructions for providing automatically determining differences in a user interface throughout a development cycle, comprising:

taking a first snapshot of a user interface on a target device during a first automation execution;

storing a first bitmap file and a first extensible markup language file corresponding to the first snapshot;

taking a second snapshot of the user interface on the target device during a second automation execution;

storing a second bitmap file and a second extensible markup language file corresponding to the second snapshot: [[.]]

comparing a property of the first snapshot to corresponding property of the second snapshot; and

producing an output of the difference between the first snapshot and the second snapshot.

13.   (Original)   The computer-readable medium of claim 12, further

comprising uploading the first bitmap file, first extensible markup language file, second bitmap

file, and second extensible markup language file to a database on a server.

14.   (Original)   The computer-readable medium of claim 12,

wherein the comparison of the property of the first snapshot to the corresponding property of the

second snapshot provides a pass/fail variable.

15.   (Original)   The computer-readable medium of claim 12,

wherein the output of the difference between the first snapshot and the second snapshot

comprises a visual output with a highlighted pixel for each pixel that is different between the first

snapshot and the second snapshot.

16.   (Original)   The computer-readable medium of Claim 12,

wherein a snapshot key is produced from a selectable combination of information included in the

extensible markup language file.

17.   (Original)   The computer-readable medium of Claim 12,

wherein a filename associated with the first snapshot is produced from a selectable combination

of information included in the extensible markup language file.

18.   (Original)   The computer-readable medium of claim 12, wherein the property of the first snapshot is a first cyclical redundancy check value based on the first snapshot and the corresponding property of the second snapshot is a cyclical redundancy check value based on the second snapshot.

19.   (Currently Amended)   A system for providing automatically determining differences in a user interface throughout a development cycle, comprising:

a target user interface device that includes a first application that is configured to:

take a first snapshot of a user interface on a target device during a first automation execution,

take a second snapshot of the user interface on the target device during a second automation execution,

store the first snapshot and the second snapshot;

a host device that includes a second application that is configured to upload the first snapshot and the second snapshot; and

a server that includes a third application that is configured to:

receive the first snapshot and the second snapshot,

compare a property of the first snapshot to corresponding property of the second snapshot, wherein the property of the first snapshot is a first cyclical redundancy check value based on the first snapshot and the corresponding property of the second snapshot is a cyclical redundancy check value based on the second snapshot, and

produce an output of the difference between the first snapshot and the second snapshot.

20. (Original)   The system of claim 19, wherein the first application is further configured to store a first bitmap file and a first extensible markup language file corresponding to the first snapshot and storing a second bitmap file and a second extensible markup language file corresponding to the second snapshot.

21. (Original)   The system of claim 19, wherein the comparison of the property of the first snapshot to the corresponding property of the second snapshot provides a pass/fail variable.

22. (Original)   The system of claim 19, wherein the output of the difference between the first snapshot and the second snapshot comprises a visual output with a highlighted pixel for each pixel that is different between the first snapshot and the second snapshot.

23. (Original)   The system of claim 19, wherein the third application is further configured to provide a snapshot key from a selectable combination of information included in a file related to the first snapshot.

24. (Original)   The system of claim 19, wherein a filename associated with the first snapshot is produced from a selectable combination of information included in a file related to the first snapshot.

25.   (Canceled).